

Converting Colors

XYZ(71.0686, 68.3927, 82.4214)

Have a look what the booklet for
XYZ(71.0686, 68.3927, 82.4214)
contains.

XYZ(71.0131, 68.4907, 82.1503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.0131, 68.4907,
82.1503)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD0E3
RGB	236, 208, 227
RGB Percent	93%, 82%, 89%
CMY	0.0745, 0.1843, 0.1098
CMYK	0.00, 0.12, 0.04, 0.07
HSL	319°, 42%, 87%
HSV	319°, 12%, 93%
XYZ	71.0131, 68.4907, 82.1503
YIQ	218.5380, 10.5890, 11.8450

Conversions

Conversions Part 2

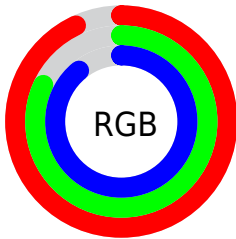
Format	Color
R _Y B	236, 208, 227
Decimal	15519971
CIE Lab	86.25, 12.96, -5.78
CIE LCh	86, 14.193, 335.976
Yxy	68.4907, 0.3204, 0.3090
Android (android.graphics.Color)	4293710051 (0xFFECD0E3)
YUV	218.5380, 4.1718, 15.3142
Hunter-Lab	82.7591, 8.3370, -0.9225

Details

The XYZ color **71.0131, 68.4907, 82.1503** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5349, 78.4124, 77.1723**, and the grayscale version is **66.9806, 70.4689, 76.7406**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8244, 35.7931, 43.9449** is the 20% darker color. If you saturate the color by 10%, you get **64.6582, 57.4191, 74.9795**, and if you desaturate by 10%, it is **78.2742, 81.2990, 89.8525**.

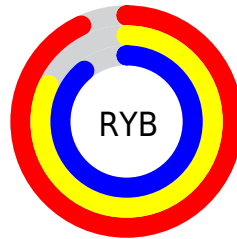
Distribution



Red (93%)

Green (82%)

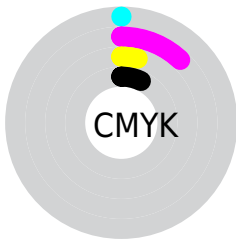
Blue (89%)



Red (93%)

Yellow (82%)

Blue (89%)

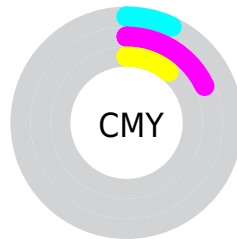


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0131, 68.4907, 82.1503 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.0131, 68.4907, 82.1503 by changing the saturation by 10% instead.


 71.0131, 68.4907,
82.1503

 71.0131, 68.4907,
82.1503


453.3104,
455.2326, 522.0469

 52.6355, 50.2970,
60.9529


119.6708,
117.0538, 138.2233

 37.7381, 35.6495,
43.7568

150.6816,
148.1921, 173.9360

 25.9558, 24.1636,
30.1436


186.6341,
184.4141, 215.3242

 16.9231, 15.4550,
19.6946

227.8937,
226.1041, 262.8065

 10.2746, 9.1394,
11.9914

274.8258,
273.6466, 316.8014

 5.6451, 4.8322,
6.6154

327.7957,

 2.6691, 2.1491,

327.4259, 377.7274

3.1480

387.1687,
387.8264, 446.0030

■ 0.9813, 0.6920,
1.1707

■ 0.0000, 0.0000,
0.0000

■ 71.0131, 68.4907,
82.1503

■ 71.0131, 68.4907,
82.1503

■ 64.6582, 57.4191,
74.9795

■ 78.2742, 81.2990,
89.8525

■ 59.1653, 47.9996,
68.3200

■ 86.4059, 95.7744,
98.0746

■ 54.4954, 40.1540,
62.1566

■ 87.5705, 96.2403,
104.2077

■ 50.6038, 33.7942,
56.4715

■ 88.4025, 96.5731,
108.5889

■ 47.4417, 28.8233,
51.2453

■ 44.9543, 25.1329,
46.4567

■ 43.0789, 22.5985,
42.0814

■ 41.7400, 21.0702,
38.0910

■ 40.9493, 20.3758,
35.0933

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.8631, 68.4907, 90.1206



71.0131, 68.4907, 82.1503



71.5556, 68.4907, 72.7152

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0131, 68.4907, 82.1503



64.4458, 68.4907, 58.0576



60.1404, 68.4907, 85.6635

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.0131, 68.4907, 82.1503



68.5349, 78.4124, 77.1723

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0418, 68.4907, 76.4656



71.0131, 68.4907, 82.1503



61.4734, 68.4907, 60.9281

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0131, 68.4907, 82.1503



67.6924, 68.4907, 59.3039



59.5215, 68.4907, 67.4798



62.5714, 68.4907, 92.2648

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0131, 68.4907, 82.1503



70.9172, 68.4907, 66.9609



59.5215, 68.4907, 67.4798



59.6068, 68.4907, 82.7449

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.0151, 68.4937, 82.1518



91.3584, 93.4545, 105.0872



66.2747, 65.9026, 88.5854



19.4102, 19.7479, 22.3420



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0151, 68.4937, 82.1518



82.9067, 78.5824, 96.0072



69.1775, 67.7587, 72.4754



15.4968, 15.2266, 17.9017



22.6334, 11.2560, 19.6684



1.8209, 0.9013, 1.7740

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.0151, 68.4937, 82.1518



82.9067, 78.5824, 96.0072



70.4151, 79.1645, 87.0732



15.4968, 15.2266, 17.9017



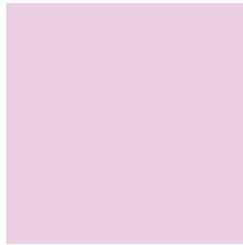
22.6334, 11.2560, 19.6684



1.8209, 0.9013, 1.7740

Previews

White Background



This preview shows how the XYZ color 71.0131, 68.4907, 82.1503 looks on a white background.

Color Contrast Check

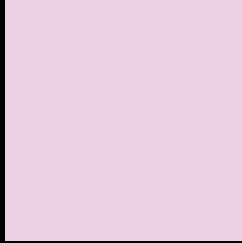
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.0131, 68.4907, 82.1503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

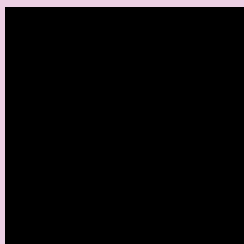
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0131, 68.4907, 82.1503

Background



This preview shows how black text looks on a background with the XYZ color 71.0131, 68.4907, 82.1503.



This preview shows how white text looks on a background with the XYZ color 71.0131, 68.4907,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.0131, 68.4907, 82.1503

Protanopia

66.7486, 68.8175, 85.3664

Deuteranopia

70.1904, 68.7950, 82.2524



Tritanopia

70.7386, 68.3809, 80.7047

Trichromacy



Original Color

71.0131, 68.4907, 82.1503

Protanomaly

68.2578, 68.4881, 84.4849

Deuteranomaly

70.2699, 68.4706, 82.1856

Tritanomaly

70.8754, 68.4356, 81.4254

Monochromacy



Original Color

71.0131, 68.4907, 82.1503

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.5366, 69.8824, 78.9836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0131, 68.4907, 82.1503 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(236, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(236, 208, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 208, 227) }
```

Border

The CSS property to change the border of an element to XYZ 71.0131, 68.4907, 82.1503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 208, 227) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(236, 208, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(236, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(236, 208,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0131, 68.4907, 82.1503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 208, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236,  
208, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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